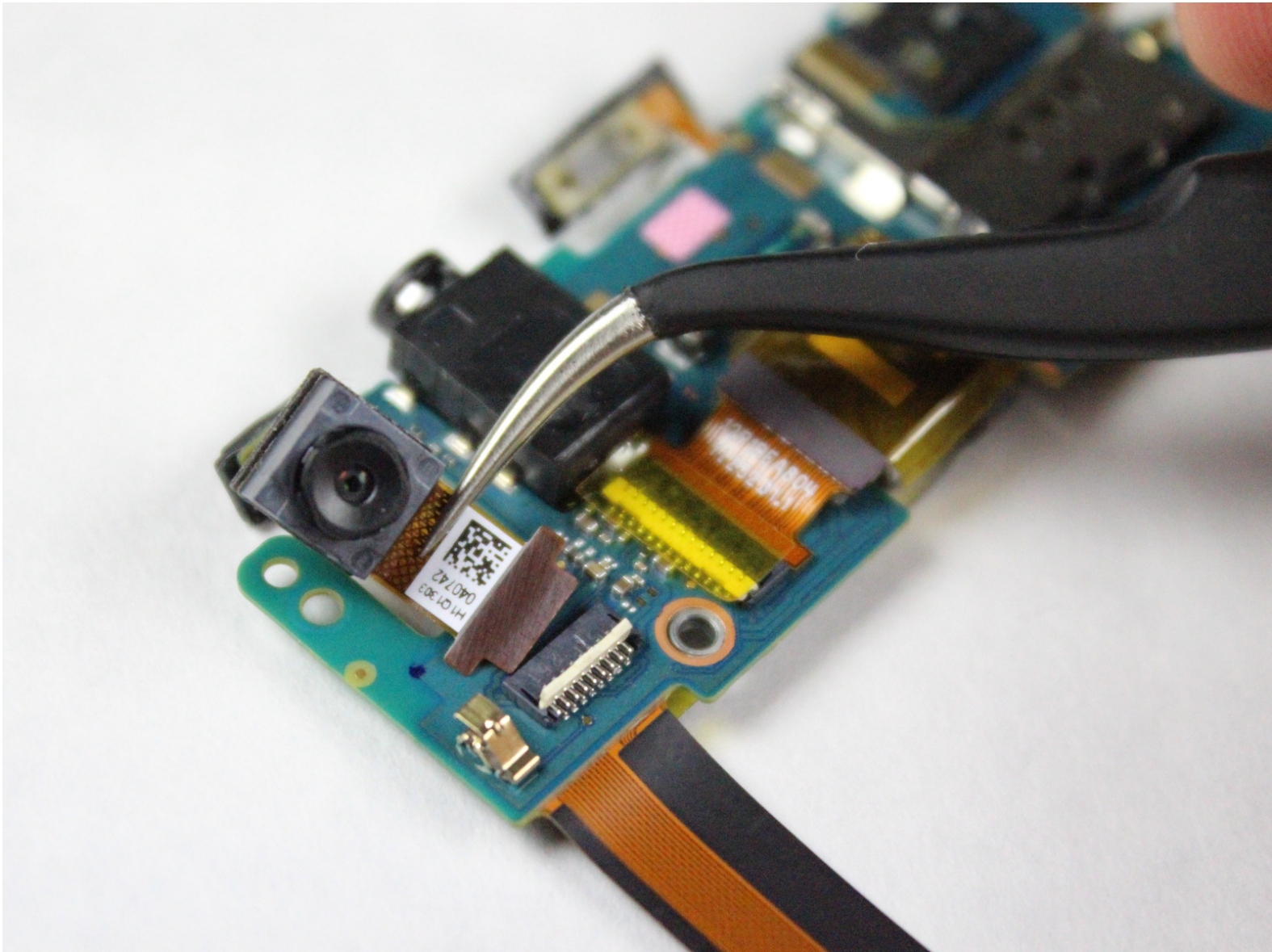




HTC Droid DNA Front-Facing Camera Replacement

This guide will help you replace a malfunctioning front facing camera.

Written By: Adrian Williams



INTRODUCTION

There are two cameras on this phone, so be sure you know which camera you are replacing before starting this guide.



TOOLS:

- [Paper Clip](#) (1)
 - [T5 Torx Screwdriver](#) (1)
 - [Tweezers](#) (1)
 - [Phillips #000 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
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Step 1 — Remove the SIM Card Tray



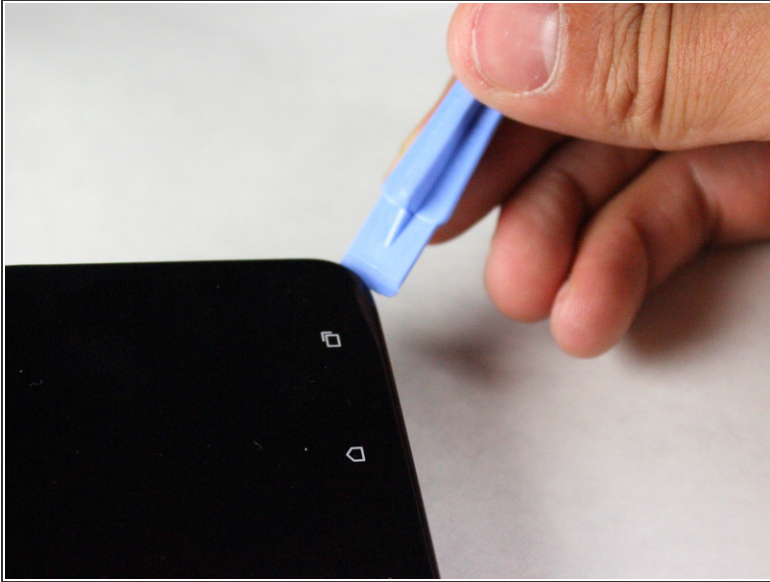
- Poke a paperclip into the hole to the right of the SIM Card Tray. The SIM Card Tray will automatically pop out.

Step 2 — Removing the SIM Card Tray



- Pull out the SIM Card Tray with your fingers.

Step 3 — Loosen the Phone Casing



- ⓘ Make sure the USB cover on the bottom of the phone is removed first.
- Starting at a corner, slowly work your way around the edge of the sides with your prying tool to loosen the front panel.
- ⓘ Take your time. A lot of force is necessary to loosen the front panel.

Step 4 — Pull the Casing Apart




- Slowly pull the panel apart from the back of the phone.
- ⓘ Apply a moderate force to pry the panel from the back of the phone.

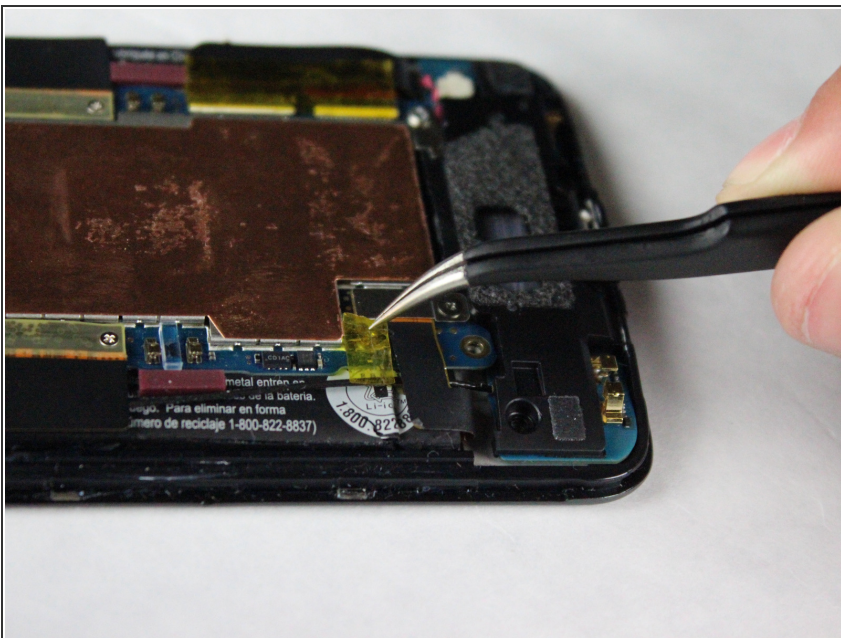
Step 5 — Remove the Black Tape



- Set the device down so that the bottom of the phone is facing to the right.
- Gently take off the piece of black tape surrounding the motherboard.

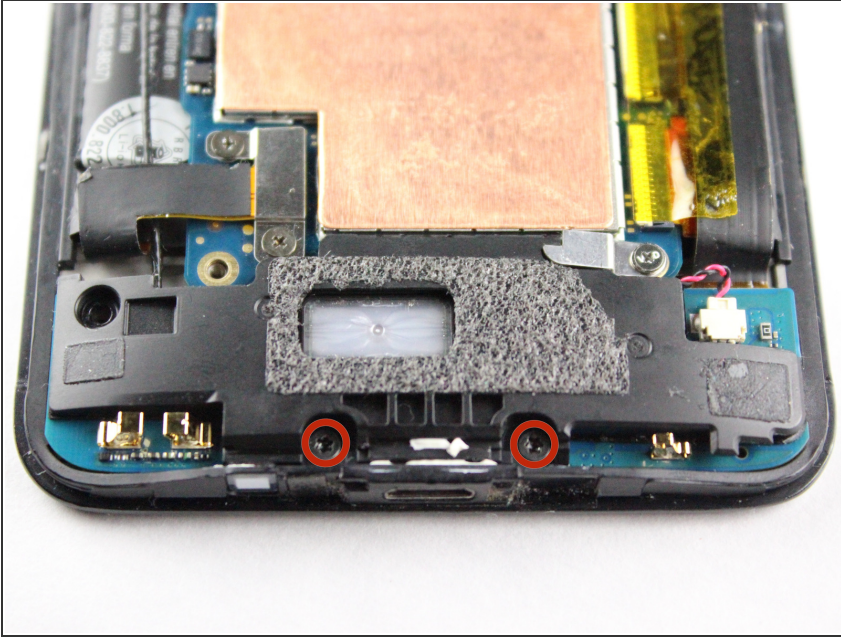
 Be careful not to rip the tape.

Step 6 — Remove the Yellow Tape



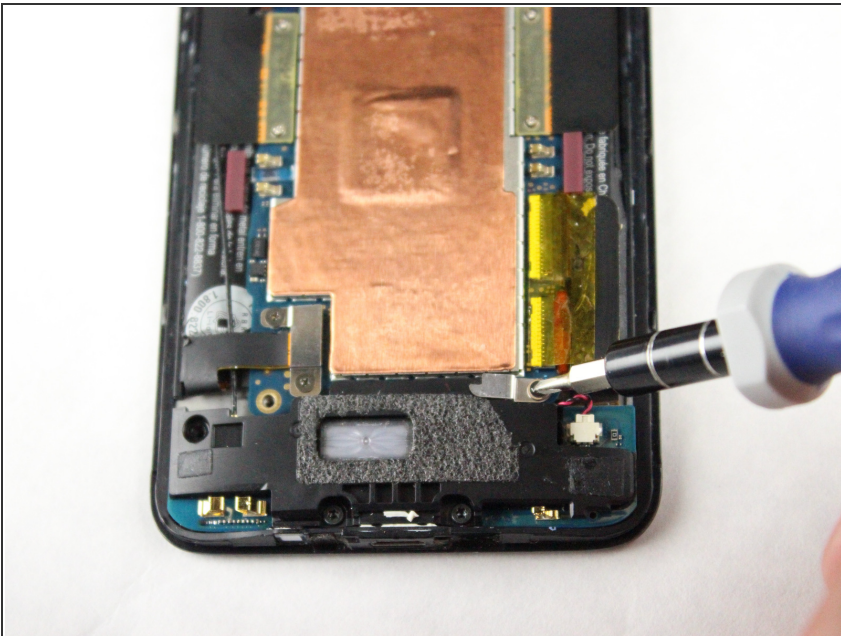
- Use your tweezers to take off the yellow tape on the bottom left corner of the phone.

Step 7



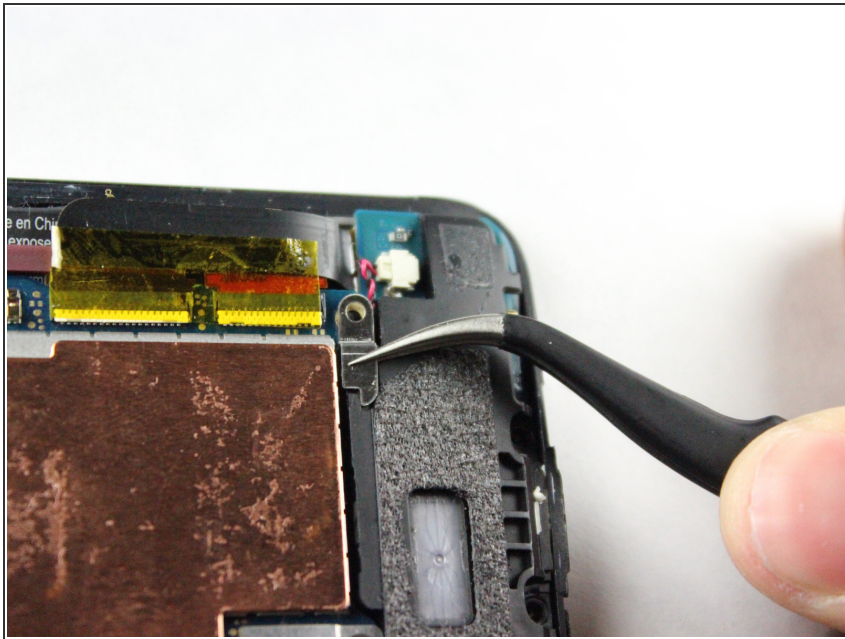
- Rotate your phone 90 degrees clockwise so the bottom of the phone is facing you.
- Use the T5 Torx screwdriver to remove the two 4mm screws located at the bottom of the phone.

Step 8 — Remove the Void Screw



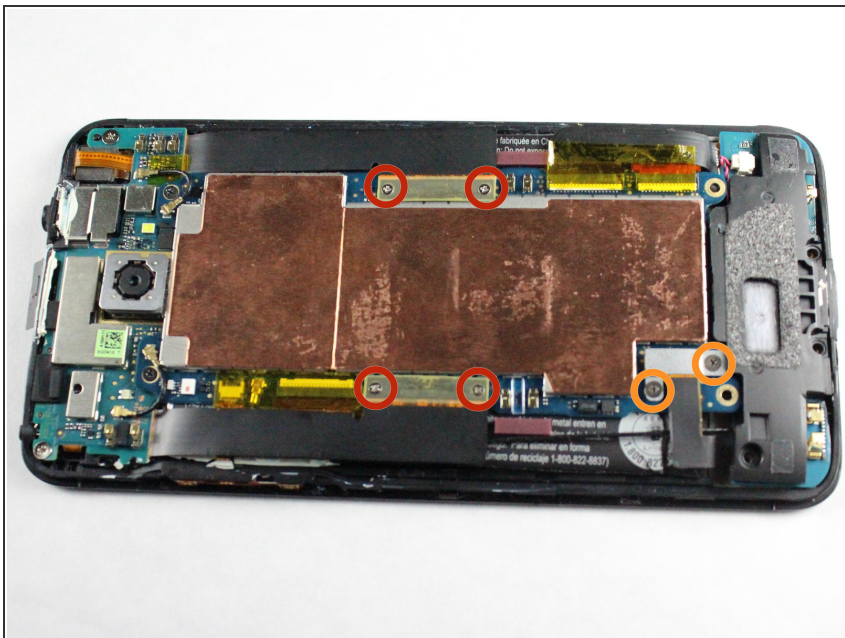
- Use the Phillips #000 screwdriver to remove the single 2.7mm void screw on the bottom right.

Step 9 — Remove the Screw Retaining Bracket



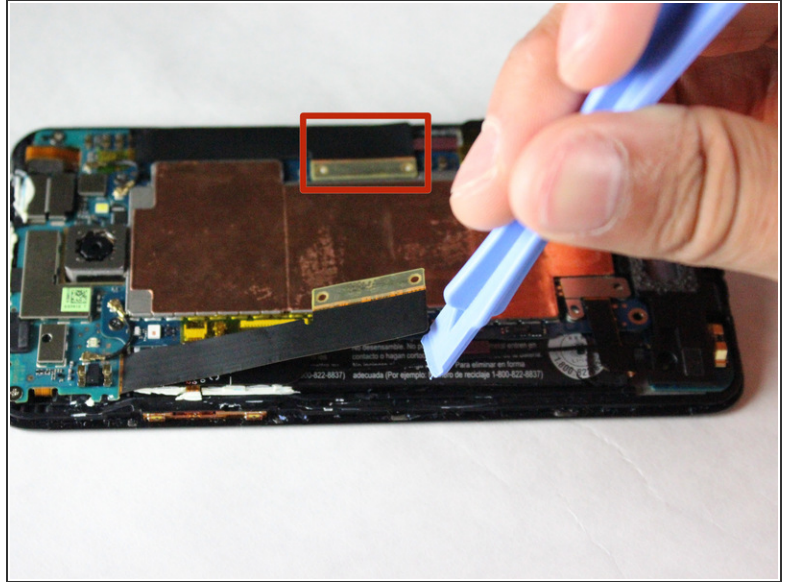
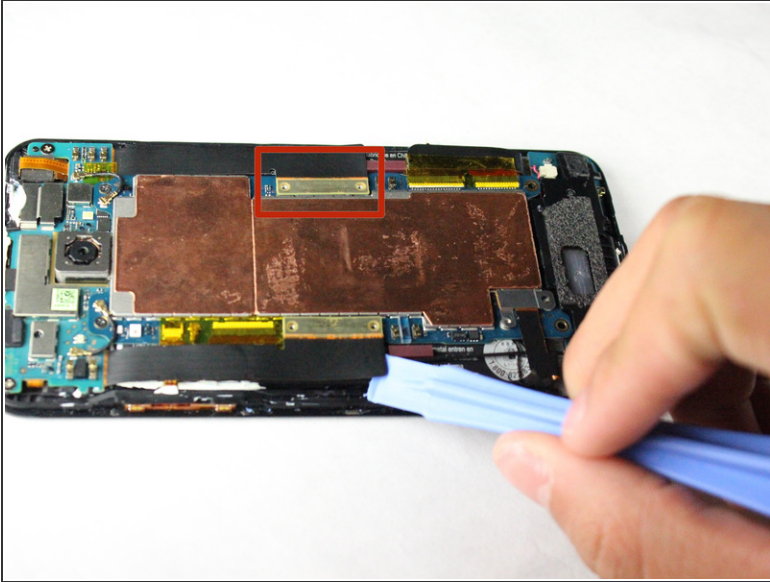
- Rotate your phone back 90 Degrees counter-clockwise.
- Use your tweezers to take off the small metal retaining bracket on the bottom right of the phone.

Step 10 — Remove the Connector Screws



- Remove the following Phillips #000 screws from the motherboard:
 - Four 1.6 mm screws
 - Two 1.5 mm screws

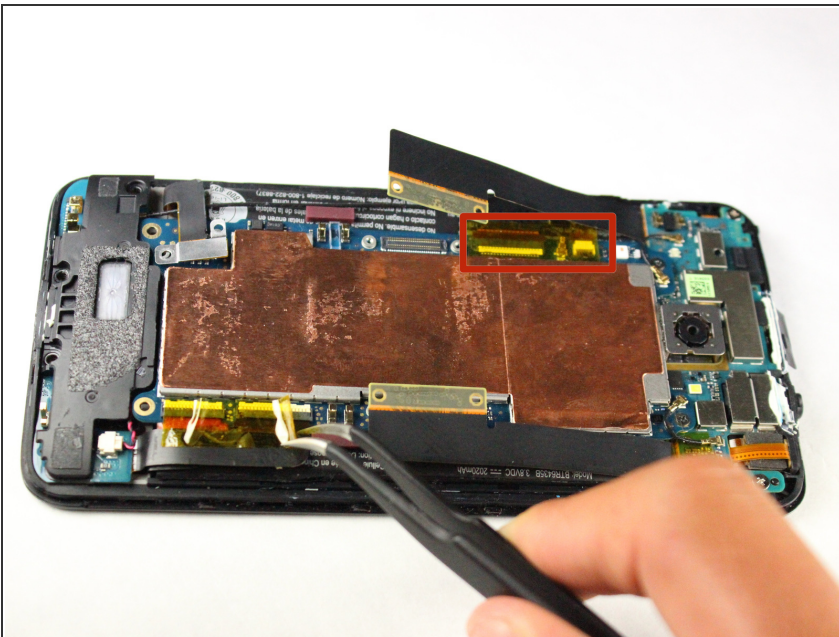
Step 11 — Unfasten the Connectors



- Use your pry tool to unfasten the connectors on both sides of the motherboard.

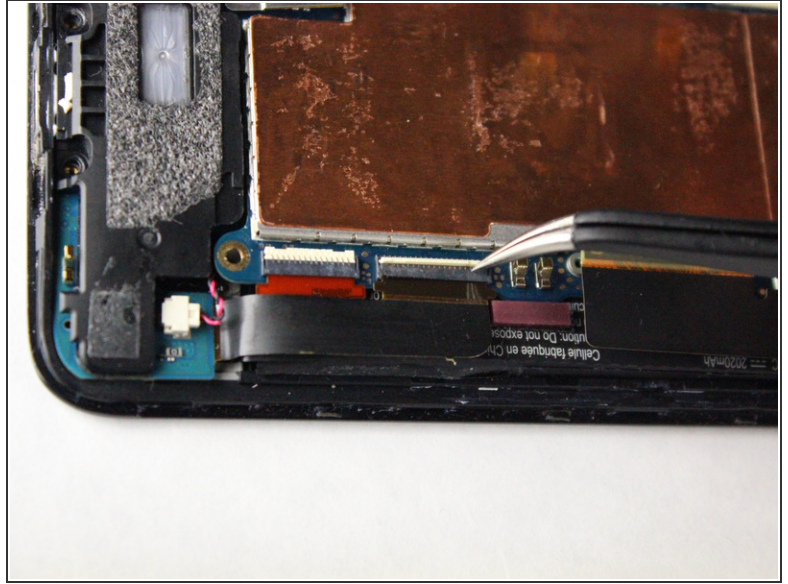
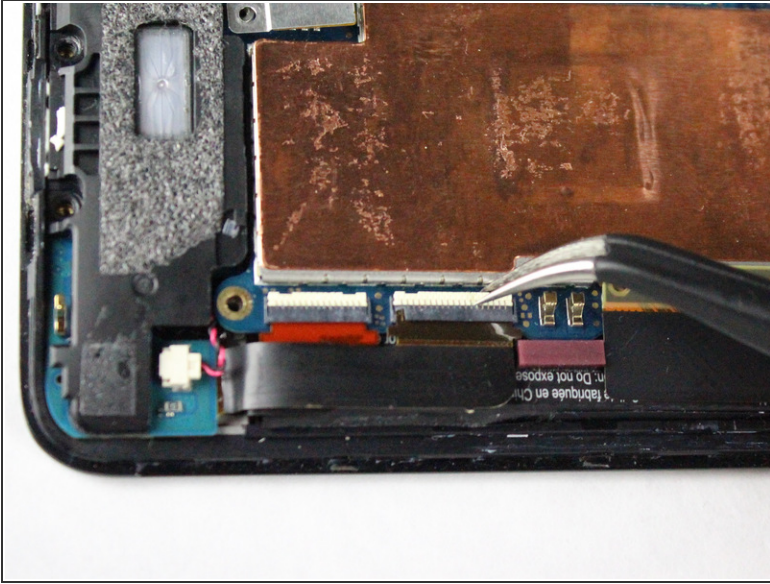
⚠ The connectors will still be attached to the green camera board at the top so DO NOT try to pull them off or bend them severely.

Step 12 — Remove the Yellow Tape



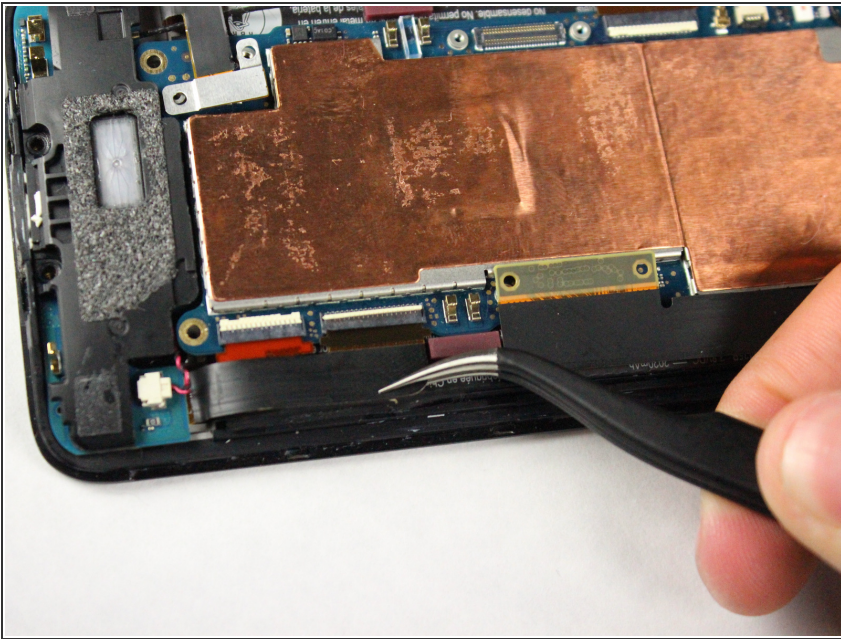
- Use your tweezers to remove the two pieces of yellow tape shown.

Step 13 — Flipping up the White Board




- Use your tweezers to gently snap up the white board on the bottom right of the motherboard.

Step 14 — Disconnect the Connector



- Use your tweezers to disconnect the black connector on the bottom right of the motherboard.

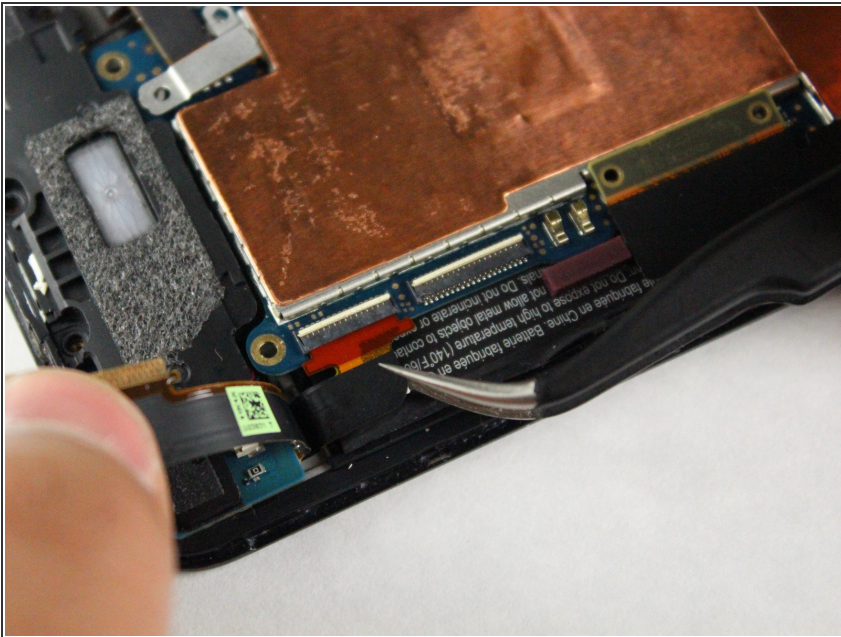
 Be careful not to bend the Flex Cable of the Connector.

Step 15 — Flipping up the White Board




- Use your tweezers to gently snap the other white board on the bottom right of the motherboard up.

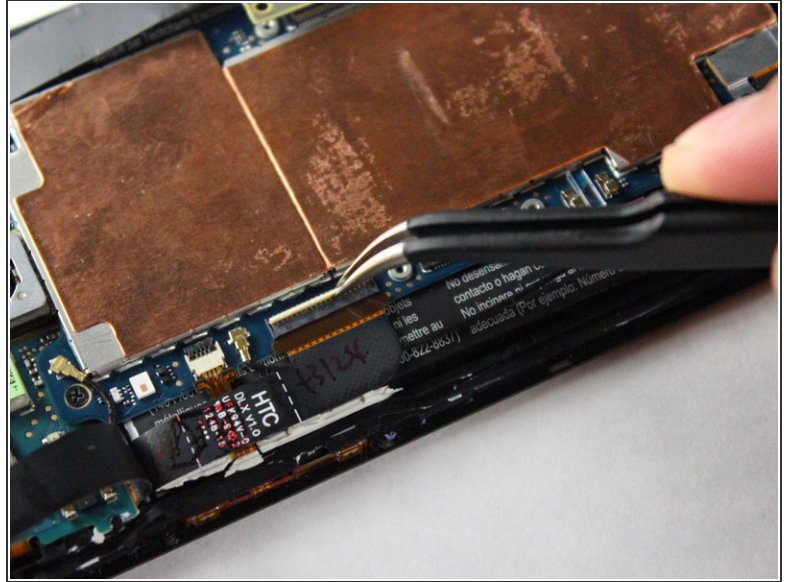
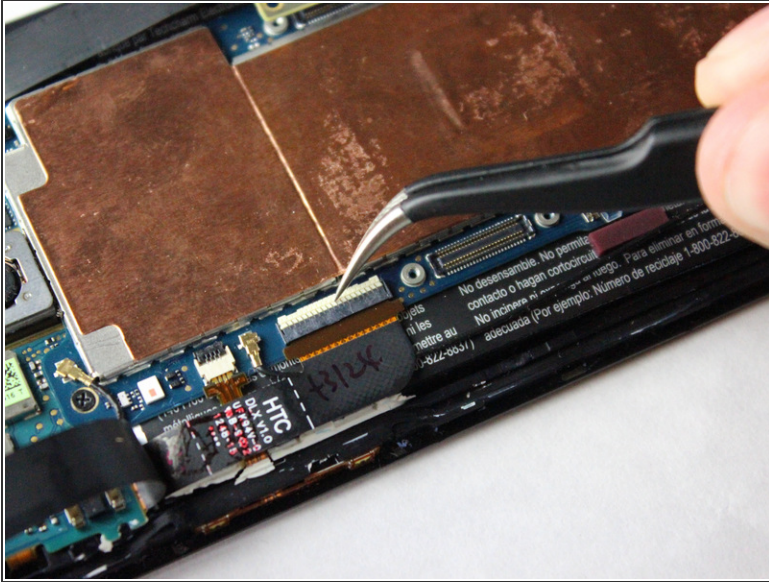
Step 16 — Disconnect the Connector



- Use your tweezers to disconnect the other small connector on the bottom right of the motherboard.

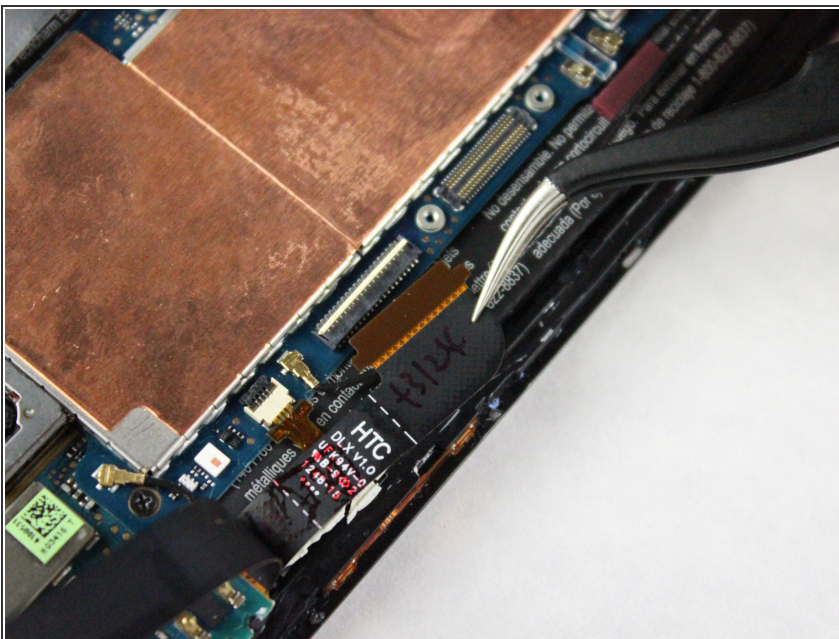
 Be careful not to bend the Flex Cables for the Connector.

Step 17 — Flipping up the White Board




- Rotate the phone 180 degrees.
- Use your tweezers to gently snap up the white board on the top left of the motherboard.

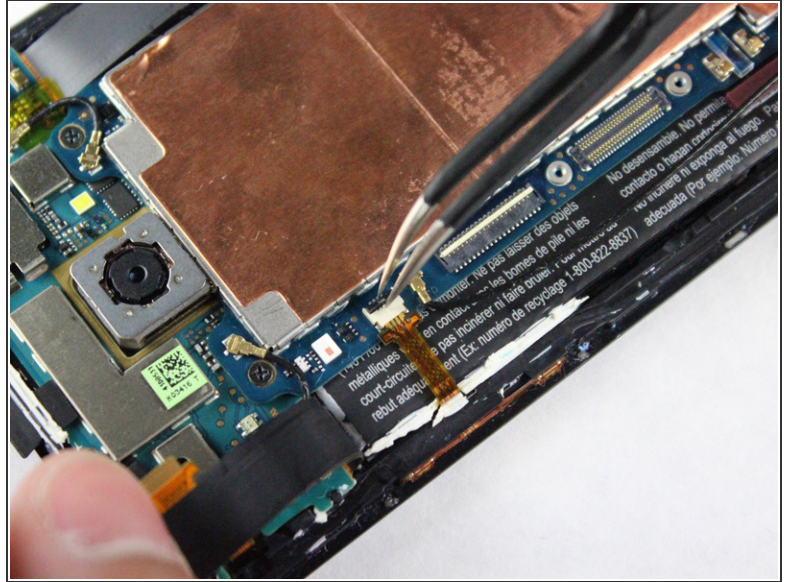
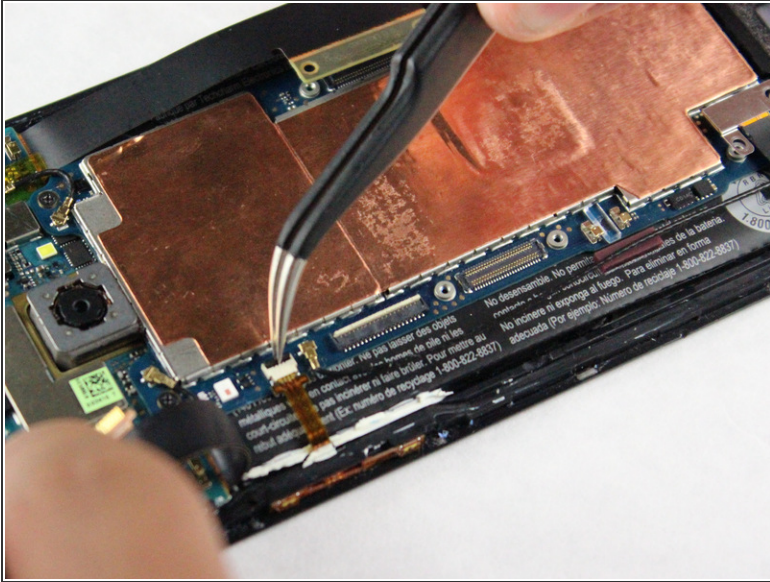
Step 18 — Disconnect the Connector



- Use your tweezers to disconnect the cable on the top left of the motherboard.

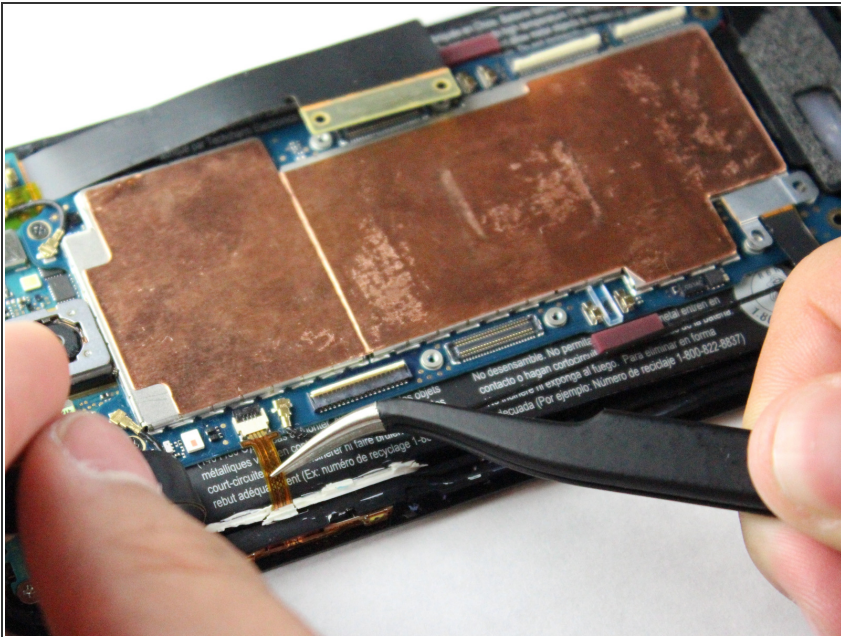
 Be careful not to bend the Flex Cable of the Connector.

Step 19 — Flipping up the Black Board



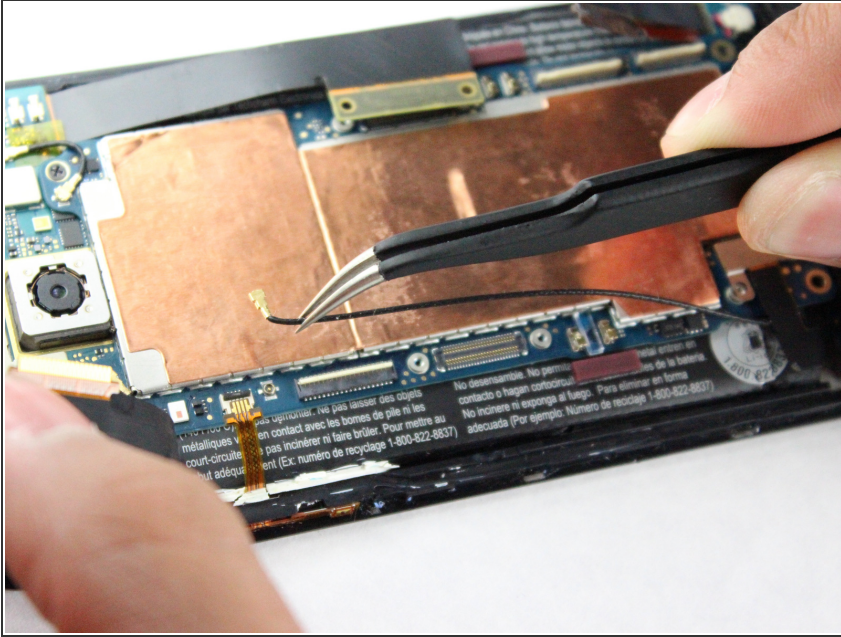
- Use your tweezers to gently snap up the black board on the top left of the motherboard.

Step 20 — Disconnect the Small Ribbon Connector



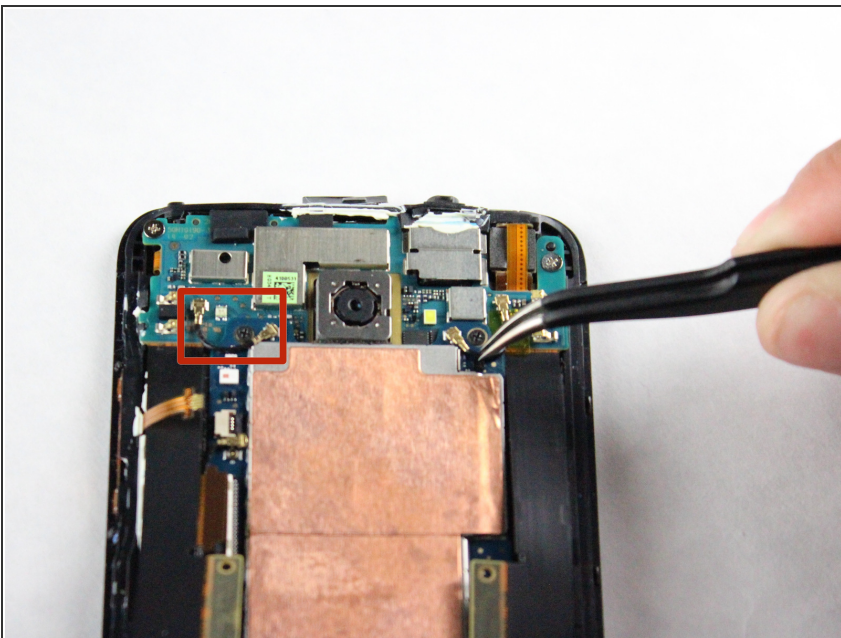
- Use your tweezers to gently remove the yellow connector on the top left of the phone.

Step 21 — Remove the Black Wire



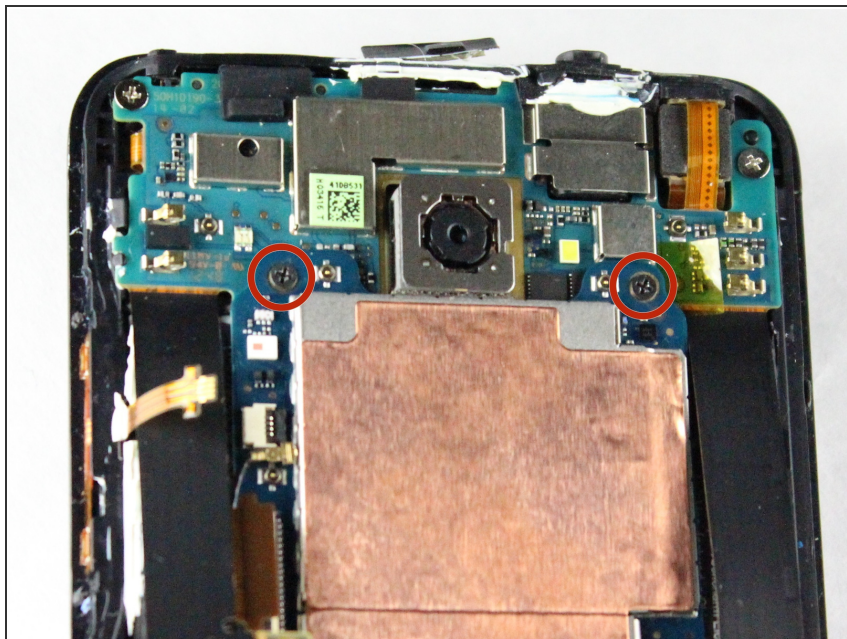
- Remove the long black wire on the left of the motherboard.

Step 22 — Remove the Two Black Wires



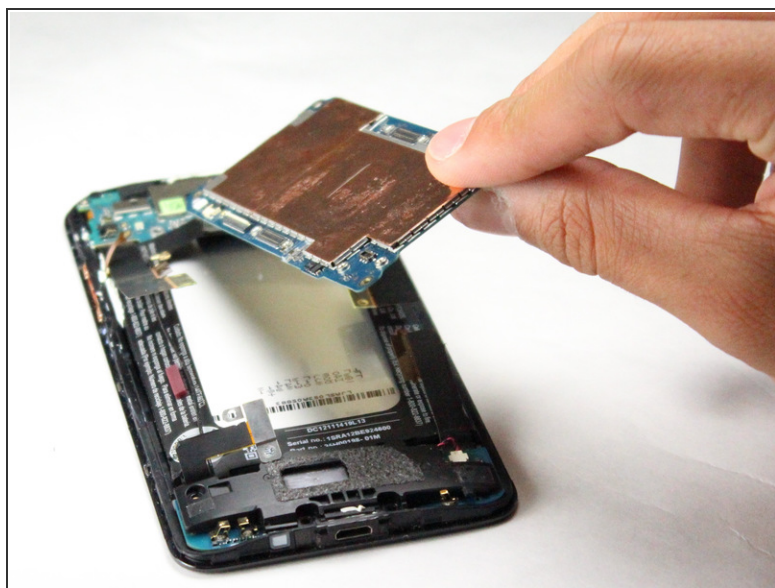
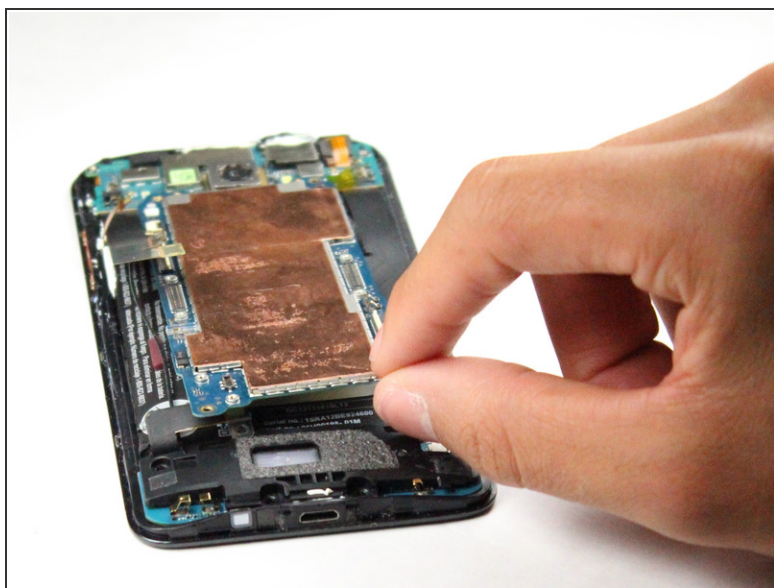
- Reorient the phone so that the green camera board is farthest from you.
- Use your tweezers to remove the two wires located at the top of the board. The wires snap off very easily so not much force is needed.

Step 23 — Remove the Screws



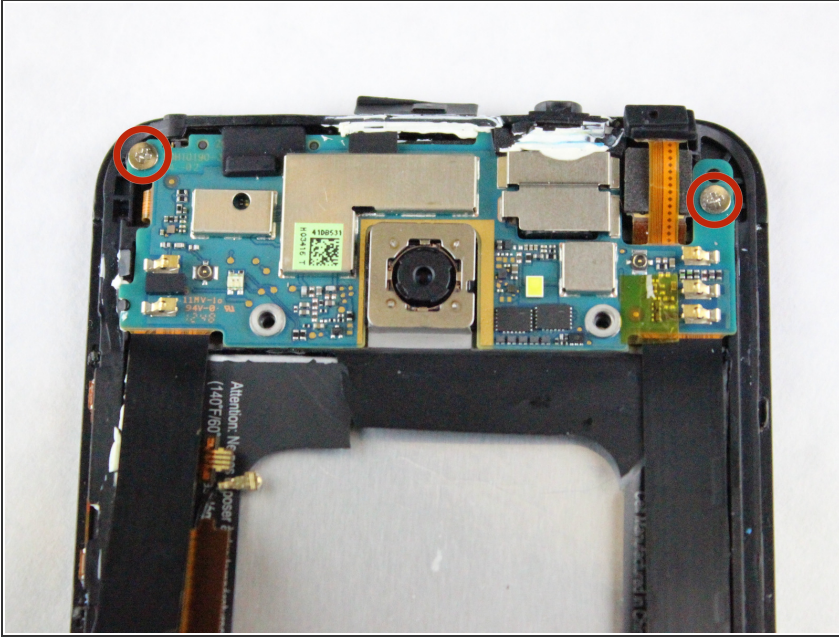
- Use a Phillips #000 screwdriver to remove the two 3.9mm screws on top of motherboard.

Step 24 — Remove the Motherboard



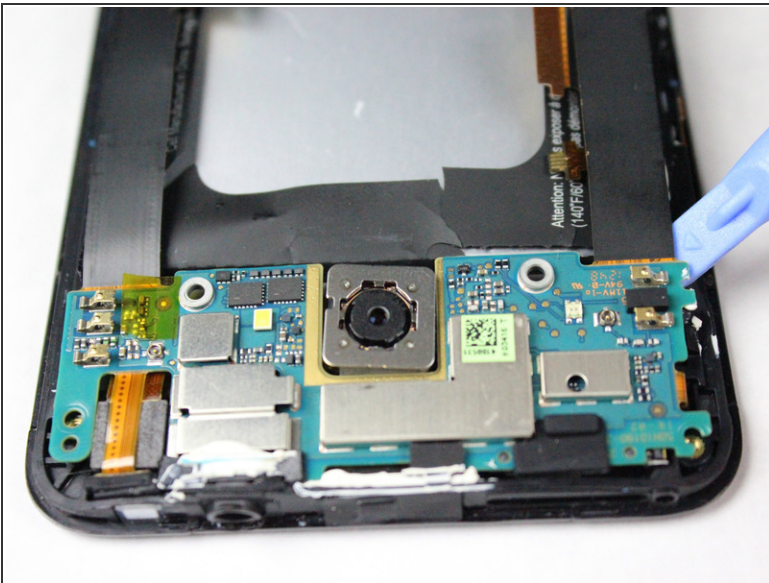
- Now, use your fingers to slowly pull up the motherboard and remove it from the phone.

Step 25 — Remove Screws



- Use a Phillips #000 screwdriver to remove the two 2.1mm screws on the top of the camera board.

Step 26 — Loosen the Adhesive



- Use the pry tool along the bottom and sides of the camera board to loosen the adhesive.



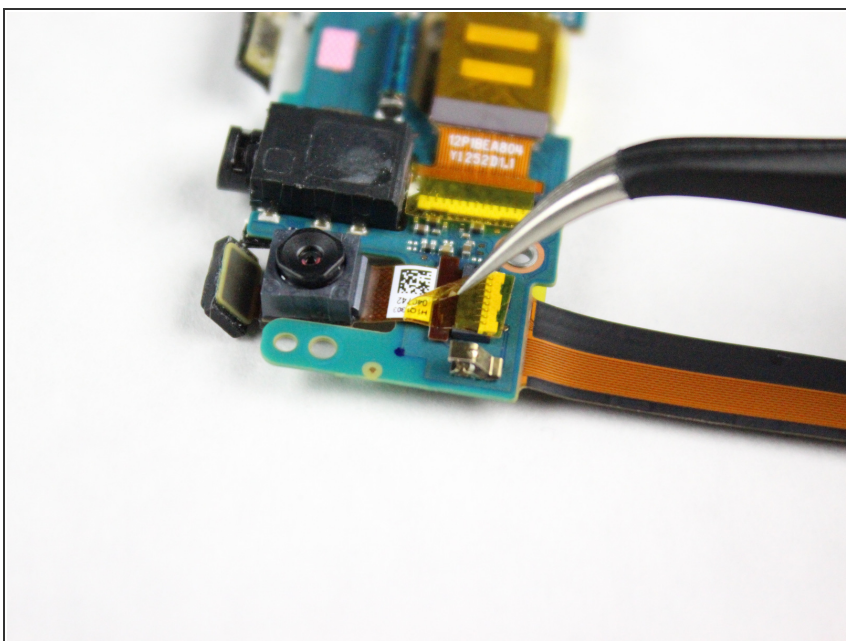
The power button and headphone jack need to be carefully removed with the camera board or they could snap off of the camera board.

Step 27 — Remove Camera Board



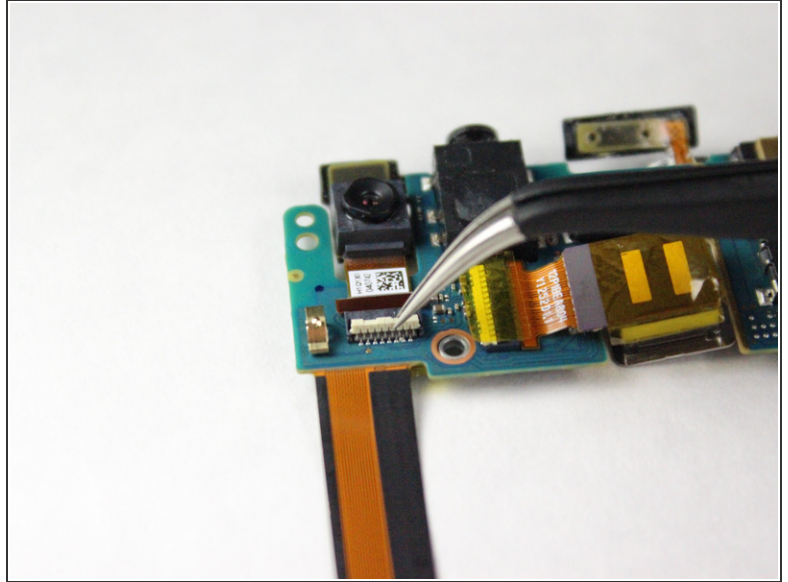
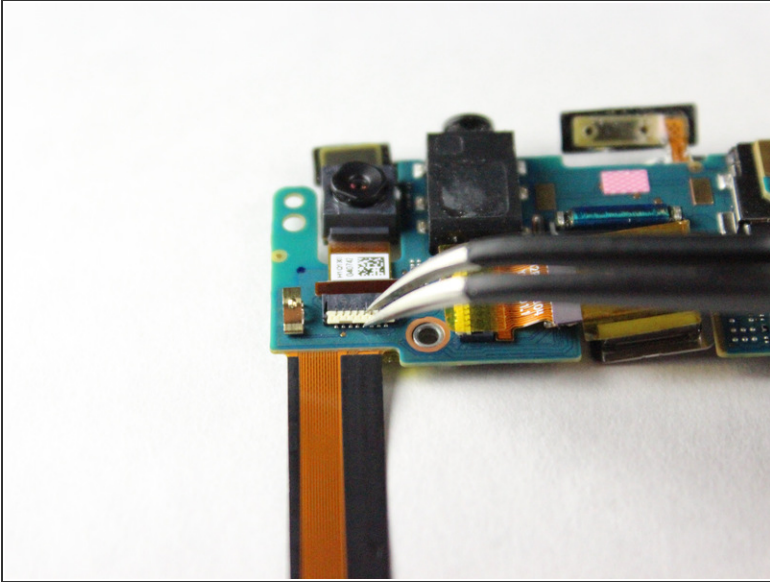
- Slowly lift the camera board up and work on removing the remaining adhesive. You can then take the camera board off of the phone.

Step 28 — Remove Yellow Tape



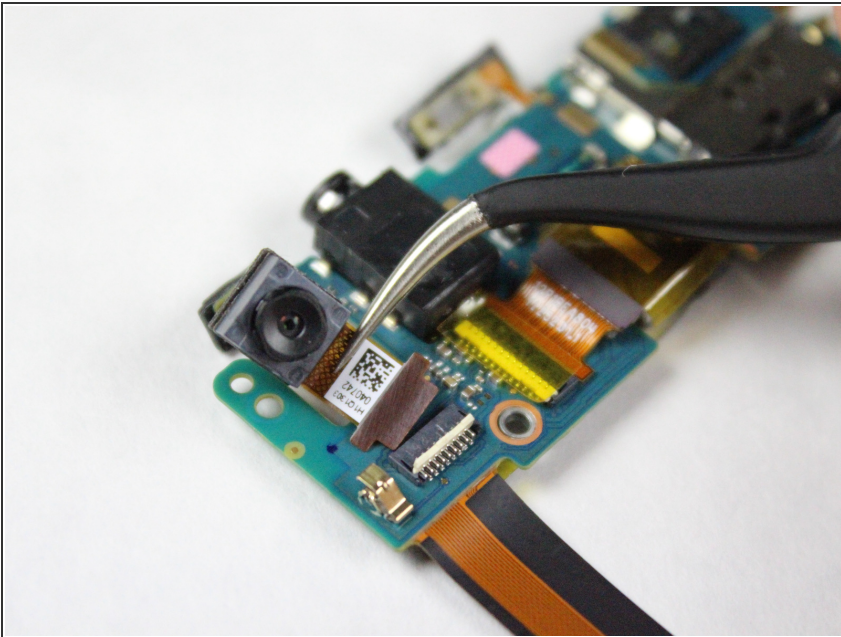
- Use your tweezers to gently remove the yellow tape on the far left side of the camera board.

Step 29 — Release the White Connector Clip



- Use your tweezers to gently flip the white connector clip into the upright position.

Step 30 — Remove Front-Facing Camera



- Use your tweezers to gently pull the front facing camera off the camera board.

To reassemble your device, follow these instructions in reverse order.

